

# PATENT ABSTRACTS OF JAPAN

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## (54) ANALOG TOUCH PANEL DEVICE

(57)Abstract:

PURPOSE: To calculate each operation position even when two places on an analog touch panel are pressed at the same time.

CONSTITUTION: The analog touch panel 1 is constituted by placing an X-axial resistant thin film 11 which is provided with X-axial electrodes X1 and X2 on both sides and a Y-axial resistant thin film 13 which is provided with Y-axial electrodes Y1 and Y2 on both sides opposite each other across a specific gap and bringing both the resistant thin films 11 and 13 into contact with each other according to a depression position. First to forth switches 3-6 connected between the respective electrodes X1 and X3, and Y1 and Y2, and a DC power source 2 are placed in operation alternately and the potentials of the electrodes X1 and X2, and Y1 and Y2 are inputted to an arithmetic unit 7. The depression position on the analog touch panel 1 is calculated from those potentials.

